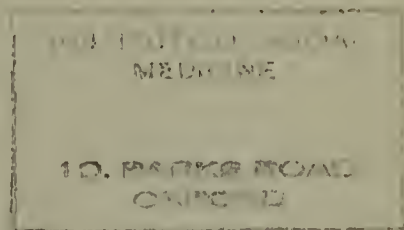


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COUNTY BOROUGH OF DEWSBURY



EDUCATION COMMITTEE

ANNUAL REPORT

UPON THE

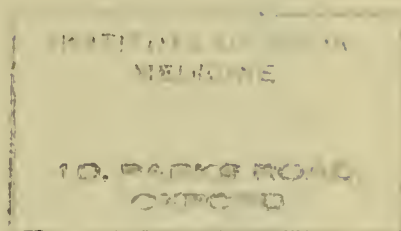
SCHOOL MEDICAL SERVICE

FOR THE

YEAR ENDED 31st DECEMBER, 1946

E. D. IRVINE, M.D., M.R.C.S., D.P.H.,
SCHOOL MEDICAL OFFICER

COUNTY BOROUGH OF DEWSBURY



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HEALTH DEPARTMENT,
MUNICIPAL BUILDINGS,
DEWSBURY.
July, 1947.

To the Chairman and Members of the Education Committee.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit the Annual Report on the work of the School Medical Department for the year 1946.

This is practically entirely an account of the work carried out under the direction of my predecessor, Dr. Carrick G. Payton ; I have therefore made very little comment and the figures must speak for themselves.

To some extent the staffing position in the Department was stabilised after a period of change due to the war. Before the end of the year Dr. Tomlin resigned his appointment as Deputy School Medical Officer and Dr. Galvin (temporary Deputy) was appointed in his place in December ; Dr. Whalley the Assistant School Medical Officer returned to duty from the forces, and two dentists were appointed to the permanent staff.

Measles (131 cases notified in school children) was epidemic during the last quarter, and as is usual the whooping cough cases (12 notified) occurred in scattered fashion through the year. Otherwise infectious disease was not prevalent. The other notifiable cases included two of erysipelas, two of pneumonia, and one of cerebro-spinal meningitis.

One-eighth (12.7%) of the children were found to have at least once during 1946 some degree of verminous infestation of the hair.

The school meals service continued to make progress. In October, roughly 60% of the children were taking meals at school (9% free and 51% at 5d. a meal), and approximately 85% took milk (all free). It is disappointing to find 15% not taking milk. Owing to national shortages, milk was only given once daily (1/3rd pt.) in ordinary circumstances. During the summer holiday facilities were made available but only 9% of the children took meals and only 3% took milk.

Certain minor improvements have been made in the school clinics but the clinic at Northfields House is not now large enough for its purpose. The facilities available for remedial exercises should be extended.

During the year discussion was initiated on two very desirable projects, viz., joint provision of a child guidance clinic, and the joint provision of special schools for handicapped children. A day school with 100 places for educationally sub-normal children has been provisionally included in the development plan. The Committee have decided that no charge should be made to the parents whose children were attending residential special schools.

During the year the question of free hospital treatment for school children in accordance with the requirements of the Act was taken up and arrangements were finally completed in 1947. How far these will be affected by the operation of the National Health Service Act, 1946, is not yet clear ; in fact the new pattern of the School Medical Service cannot yet be accurately foreshadowed. The School Medical Service has had great opportunities, and has a proud record of achievement, not alone in the treatment of the so-called school diseases—verminous conditions, skin disorders, running ears, sore eyes, and so on, but in the improvement of the physical environment of the school, and even more perhaps in the arousing of an enthusiasm for the cause of health in childhood, and in making generally known the means to secure it. Where child health and happiness are the dividend, the investment should be on the heroic scale. It is earnestly to be hoped that however the new medical services are shaped the opportunities for care of the school child by the School Medical Service will be strengthened and extended.

I wish to thank my predecessor Dr. Payton for information he has readily given me, the professional and clerical staff of the Department for their help in many ways, the teachers for their support, and the Education Officer for his cordial co-operation. I would like also to say that since I came I have appreciated very much your unfailing courtesy and generous support, without which a Department such as this could do little in its work for the children.

I am,

Your obedient servant,

E. D. IRVINE.

DEWSBURY EDUCATION COMMITTEE.

(as constituted on 31st December, 1946).

Chairman—

Councillor J. E. TOLSON, J.P.

Vice-Chairman—

Mr. M. McCARTHY.

Committee—

Alderman J. Mayman, J.P.

Alderman W. Holdsworth, J.P.

Alderman M. Scargill,

Alderman T. Walker.

Councillor J. N. Brogden.

Councillor Mrs. A. Dyson.

Councillor J. R. Kershaw.

Councillor Mrs. G. M. Lund.

Councillor J. E. McDonald.

Councillor R. F. Roberts.

Councillor G. Wolstenholme.

Mrs. E. Cullingworth.

Canon H. R. H. Coney.

Rev. D. M. Robb.

Mr. P. Armitage.

Mr. E. Barber.

Mr. N. H. Denham.

Mr. T. Green.

STAFF OF THE SCHOOL MEDICAL DEPARTMENT.

| | | | |
|----------------------------------|-----|--|---|
| School Medical Officer | ... | ... | C. G. PAYTON, M.D., Ch.B., D.P.H. (until 20th October, 1946) E. D. IRVINE, M.D., M.R.C.S., D.P.H. (Appointed 16th Oct., 1946) |
| Deputy School Medical Officer | . | E. H. TOMLIN, M.B., Ch.B., D.P.H. (on Military Service—resigned 8th Sept., 1946) T. G. GALVIN, M.B., B.Ch., B.A.O., L.M., D.P.H., B.Sc., (P.H.) (Temporary appointment until 11th Dec., 1946, permanent from that date). | |
| Assistant School Medical Officer | | G. H. WHALLEY, M.B., B.S., D.P.H. (On Military Service until 10th Sept., 1946). E. V. CONNOLLY, M.B., B.Ch., B.A.O., L.M., D.C.H., D.P.H. (until 31st October, 1946). | |
| Consulting Oculist | ... | ...* | W. OLIVER LODGE, F.R.C.S. (Ed.), D.O.M.S. |
| Consulting Orthopaedic Surgeon | | *A. B. PAIN, M.Ch., F.R.C.S. (Eng). (resigned 31st August, 1946) *J. M. P. CLARK, F.R.C.S. (appointed 1st September, 1946) | |
| School Dentists | ... | ... | B. ROLL (until 1st Oct., 1946) M.D. (Vienna). C. A. TINN, L.D.S. (from 4th Jan., 1946). H. V. SMAIL, L.D.S. (from 2nd Sept., 1946). |
| School Nurses | ... | ... | E. A. ROBERTS, S.R.N. E. BUSHELL, S.R.N. M. C. BATES, S.R.N., S.C.M. |
| Clerical Staff : | | | |
| Chief Clerk | ... | ... | E. AUTY, C.R.S.I. |
| Clerks | ... | ... | C. HINCHCLIFFE. J. LOCKWOOD (until 13th July, 1946). M. THRESH (commenced 24th July, 1946). |
| Clerks and Dental Attendants | ... | M. BARTLETT A. TURTON. | |

*Part-time

GENERAL INFORMATION.

Population (Estimated Civilian Population) ... 49,670

Number of children on roll at 1st January, 1947 :

| | Primary | | | | Secondary | |
|--------------------|---------|-----|--------|-----|-----------|------|
| | Infants | | Junior | | B. | G. |
| | B. | G. | B. | G. | | |
| County ... | 536 | 533 | 709 | 497 | 1084 | 1099 |
| Voluntary C.E. ... | 312 | 277 | 706 | 688 | — | — |
| R.C. ... | 72 | 89 | 113 | 129 | 91 | 100 |

Primary Schools.

| | | | | | |
|-----------------------|-----|-----|-----|----------------------------------|-------|
| Number of Schools | ... | ... | ... | ... | 20 |
| Number of Departments | ... | ... | ... | ... | 34 |
| | | | | (inclusive of 3 nursery classes) | |
| Numbers on Roll | ... | ... | ... | ... | 4,661 |

Secondary Schools—Grammar, Technical and Modern Secondary Schools.

| | | |
|-------------------------------|----------------|-----|
| Wheelwright Grammar—Boys | Number on Roll | 357 |
| Wheelwright Grammar—Girls ... | " " | 394 |
| Junior Technical—Mixed ... | " " | 279 |
| Batley Carr Modern—Mixed ... | " " | 130 |
| Earlsheaton Modern—Mixed ... | " " | 237 |
| Ravensthorpe Modern—Mixed | " " | 177 |
| Templefield Modern—Girls ... | " " | 232 |
| Thornhill Modern—Mixed ... | " " | 166 |
| Victoria Modern—Boys ... | " " | 211 |
| St. Joseph's R.C.—Mixed ... | " " | 73 |
| St. Paulinus' R.C.—Mixed ... | " " | 118 |

Special Schools.

| | | | | |
|--------------------|-----|-----|----------------|----|
| Moorlands Open-Air | ... | ... | Number on Roll | 87 |
|--------------------|-----|-----|----------------|----|

COST OF SCHOOL MEDICAL SERVICE.

| | | | | | | £ | s. | d. |
|-----------------------------|-----|-----|-----|-----|-----|----------|----|----|
| Total Cost | ... | ... | ... | ... | ... | 5166 | 9 | 10 |
| Government Grant | ... | ... | ... | ... | ... | 2782 | 14 | 10 |
| Cost to Rates | ... | ... | ... | ... | ... | 2383 | 15 | 0 |
| Cost in terms of Penny Rate | | | ... | ... | ... | 1.8583d. | | |

SCHOOL HYGIENE.

List of improvements to the Fabric, Offices, Playgrounds, Etc., of Schools during the year 1946.

Painting and Decorating has been carried out at the following schools:—

Dewsbury Moor Junior Mixed and Infants' Schools.

Earlsheaton Infants' School.

Shaw Cross Junior Mixed and Infants' School.

Moorlands Open-Air School.

St. Joseph's R.C. School.

Earlsheaton C.E. Junior Mixed School.

Thornhill C.E. Junior Mixed and Infants' School.

Thornhill Lees C.E. Infants' School.

Wheelwright Grammar School for Girls.

Junior Technical School.

New lavatory (W.C.) accommodation has been provided for boys and girls at Earlsheaton Modern School.

A store-room has been converted into a scullery for the School Meals Service at Eastboro' Junior Girls School.

Repairs have been made to the playground and surface at Moorlands Open-Air School.

FINDINGS OF MEDICAL INSPECTIONS.
(excluding Nutrition, Uncleanliness and Dental Disease).

Table II.

| Defect or Disease. | | Routine Inspections. | | Special Inspections. | |
|-----------------------|--|----------------------|---|----------------------|---|
| | | No. of Defects. | | No. of Defects. | |
| | | Requiring Treatment | Requiring to be kept under observation but <i>not</i> requiring Treatment | Requiring Treatment | Requiring to be kept under observation but <i>not</i> requiring Treatment |
| (1) | | (2) | (3) | (4) | (5) |
| Skin ... | (1) Ringworm—Scalp | 5 | — | — | — |
| | (2) Body | 2 | — | — | — |
| | (3) Scabies | 10 | — | — | — |
| | (4) Impetigo | 6 | — | — | — |
| Eye ... | (5) Other Diseases (Non-Tuberculous) | 9 | — | 1 | — |
| | (6) Blepharitis | 1 | — | — | — |
| | (7) Conjunctivitis | — | — | — | — |
| | (8) Keratitis | — | — | — | — |
| | (9) Corneal Opacities | — | — | — | — |
| | (10) Other Conditions (excluding Defective Vision and Squint) | — | — | — | — |
| | (11) Defective Vision (excluding Squint) | 158 | — | 2 | — |
| Ear ... | (12) Squint | 12 | 1 | 1 | 1 |
| | (13) Defective Hearing | 2 | — | — | — |
| | (14) Otitis Media | 9 | 1 | — | — |
| | (15) Other Ear Diseases | 1 | — | — | — |
| Nose and Throat | (16) Chronic Tonsillitis only | 24 | 160 | 1 | — |
| | (17) Adenoids only | 14 | 19 | — | — |
| | (18) Chronic Tonsillitis and Adenoids | 24 | 23 | — | — |
| | (19) Other Conditions | 85 | 13 | — | — |
| | (20) Enlarged Cervical Glands... .. | 3 | 71 | — | — |
| | (21) Defective Speech | — | 3 | — | — |
| Heart and Circulation | Heart Disease : (22) Organic | — | — | — | — |
| | (23) Functional | 3 | 19 | — | — |
| | (24) Anaemia | 2 | 1 | — | — |
| Lungs ... | (25) Bronchitis | — | 4 | — | — |
| | (26) Other Non-Tuberculous Diseases | 1 | 6 | — | — |
| Tuber- culosis | Pulmonary : (27) Definite | — | — | — | — |
| | (28) Observation | 2 | — | — | — |
| | Non-Pulmonary : (29) Observation | — | — | — | — |
| | (30) Glands | — | — | — | — |
| | (31) Bones and Joints | — | — | — | — |
| | (32) Skin | — | — | — | — |
| | (33) Other Forms | — | — | — | — |
| Nervous System | (34) Epilepsy | — | — | — | — |
| | (35) Chorea | 1 | 1 | — | — |
| | (36) Other Conditions | 5 | 1 | — | — |
| Defor- mities | (37) Rickets | 1 | — | — | — |
| | (38) Spinal Curvature | 102 | 2 | 2 | — |
| | (39) Other Forms | 48 | 3 | 1 | — |
| | (40) Other Defects and Diseases (excluding Defects of Nutrition, Uncleanliness and Dental Diseases) | 21 | 19 | 3 | 3 |
| TOTAL | | 551 | 347 | 11 | 4 |

SPECIAL MEDICAL INSPECTIONS AT SCHOOL CLINIC.
(excluding Nutrition, Uncleanliness and Dental Disease)

| Defect or Disease. | | | | | Primary | Subsequent |
|--|-----|---|---|----|---------|------------|
| Skin | ... | { | (1) Ringworm—Scalp | 27 | 71 | |
| | | | (2) " Body | 8 | 23 | |
| | | | (3) Scabies | 86 | 104 | |
| | | | (4) Impetigo | 17 | 14 | |
| | | | (5) Other Diseases (Non-Tuberculous) ... | 26 | 6 | |
| Eye | ... | { | (6) Blepharitis | 2 | — | |
| | | | (7) Conjunctivitis | 5 | 3 | |
| | | | (8) Keratitis | — | — | |
| | | | (9) Corneal Opacities | 1 | — | |
| | | | (10) Defective Vision (excluding Squint) ... | 14 | 6 | |
| | | | (11) Squint | 1 | — | |
| | | | (12) Other Conditions (excluding Defective Vision and Squint) | 48 | 9 | |
| Ear | ... | { | (13) Defective Hearing | 4 | 2 | |
| | | | (14) Otitis Media | 36 | 39 | |
| Nose and Throat | { | { | (15) Other Ear Diseases | 45 | 34 | |
| | | | (16) Chronic Tonsillitis only | 9 | 2 | |
| | | | (17) Adenoids only | 13 | 3 | |
| | | | (18) Chronic Tonsillitis and Adenoids ... | 59 | 4 | |
| | | | (19) Other Conditions | 13 | 1 | |
| | | | (20) Enlarged Cervical Glands | — | — | |
| | | | (21) Defective Speech | — | — | |
| Heart and Circulation | { | { | Heart Disease : | | | |
| | | | (22) Organic | 1 | — | |
| Lungs | ... | { | (23) Functional | 19 | 1 | |
| | | | (24) Anaemia | 2 | — | |
| | | | (25) Bronchitis | 7 | 1 | |
| | | | (26) Other Non-Tuberculous Diseases ... | 2 | 1 | |
| Tuberculosis | { | { | Pulmonary : | | | |
| | | | (27) Definite | — | — | |
| | | | (28) Observation | — | — | |
| | | | Non-Pulmonary : | | | |
| | | | (29) Observation | 10 | — | |
| | | | (30) Glands | 14 | 4 | |
| | | | (31) Bones and Joints | 1 | — | |
| Nervous System | { | { | (32) Skin | — | 1 | |
| | | | (33) Other Forms | — | — | |
| | | | (34) Epilepsy | 1 | — | |
| | | | (35) Chorea | 3 | 1 | |
| Deformities | { | { | (36) Other Conditions | 1 | — | |
| | | | (37) Rickets | — | — | |
| | | | (38) Spinal Curvature | 2 | — | |
| | | | (39) Other Forms | 10 | 6 | |
| (40) Other Defects and Diseases | | | | | 383 | 83 |
| TOTAL | | | | | 870 | 419 |

TREATMENT.

Group I.—Minor Ailments (excluding uncleanness).

| Defect or Disease. (1) | Number of Defects treated, or under treatment during the year. | | |
|--|--|-------------------|---------------|
| | Under the Authority's Scheme. (2) | Otherwise. (3) | Total. (4) |
| Skin— | | | |
| Ringworm-Scalp— | | | |
| (i.) X-Ray Treatment. | 11 | — | 11 |
| (ii.) Other do. | 7 | — | 7 |
| Ringworm-Body | 4 | — | 4 |
| Scabies | 37 | — | 37 |
| Impetigo | 56 | — | 56 |
| Other skin diseases | 179 | — | 179 |
| Minor Eye Defects— | 270 | — | 270 |
| Minor Ear Defects | 95 | — | 95 |
| Miscellaneous— (e.g., minor injuries, bruises, sores, etc.) | 1738 | — | 1738 |
| Total | 2397 | — | 2397 |

Number of children found at Routine Medical Inspection to require treatment (excluding defects of nutrition, uncleanness and dental disease) according to age group and showing defective vision separately.

| Group (1) | For defective vision (including squint) (2) | For all other conditions recorded in TABLE II (3) | TOTAL (4) |
|---------------------------------|---|--|--------------|
| Entrants | 14 | 64 | 75 |
| Intermediates | 86 | 255 | 297 |
| Leavers | 73 | 70 | 137 |
| Total (Prescribed Group) | 173 | 389 | 509 |
| Other Routine Inspection | — | — | — |
| GRAND TOTAL | 173 | 389 | 509 |

The following figures show the percentage of children found to require treatment (excluding nutrition, uncleanness and dental disease) in each age group at Routine Medical Inspection in Dewsbury during 1946 :—

| | |
|----------------------|--------------|
| Entrants | 9.3% |
| Intermediates | 23.4% |
| Leavers | 20.3% |
| Average | <u>18.4%</u> |

Parents.

During 1946, parents of 63.2% of the children accepted the invitation to attend the Routine Medical Inspection.

DEFECTIVE VISION AND SQUINT.

(Excluding Minor Eye Defects treated as Minor Ailments).

| Defect or Disease. (1) | No. of Defects dealt with. | | |
|---|--------------------------------------|-------------------|--------------|
| | Under the Authority's Scheme. (2) | Otherwise. (3) | Total (4) |
| Errors of Refraction (including squint). | 361 | — | 361 |
| Other Defect or Disease of the Eyes (excluding those recorded in Group I). | 7 | — | 7 |
| Total | 368 | — | 368 |

The conditions found at inspection by the oculist were as follows :—

| Defect. | Number. | Percentage. |
|------------------------------------|------------|-------------|
| Hypermetropia | 132 | 35.9% |
| Simple Hypermetropic Astigmatism | 18 | 4.9% |
| Compound Hypermetropic Astigmatism | 92 | 25.0% |
| Myopia | 14 | 3.8% |
| Simple Myopic Astigmatism ... | 3 | 0.8% |
| Compound Myopic Astigmatism ... | 13 | 3.5% |
| Mixed Astigmatism | 12 | 3.3% |
| Squint | 8 | 2.2% |
| Other diseases of the Eye | 7 | 1.9% |
| No refractive error | 69 | 18.7% |
| TOTAL | 368 | |

Number of children for whom spectacles were prescribed

| | |
|----------------------------------|------------|
| (a) Under the Authority's Scheme | 287 |
| (b) Otherwise | — |
| | 287 |

Number for whom spectacles were obtained—

| | |
|----------------------------------|-----|
| (a) Under the Authority's Scheme | 284 |
| (b) Otherwise | — |

284 = 98%

Two children received operative treatment for squint at St. Luke's Hospital, Bradford, one child had surgical treatment for lachrymal obstruction.

Treatment of Defects of Nose and Throat.

| Number of Defects. | | | | | | | | | | | | | |
|---|-----|-----|-----|---|-----|-----|-----|--------|-----|-----|------------------------------------|-----------------------|-----|
| Received Operative Treatment. | | | | | | | | | | | Received other forms of Treatment. | Total Number Treated. | |
| Under the Authority's Scheme, in Clinic or Hospital | | | | By Private Practitioner or Hospital, apart from the Authority's Scheme. | | | | Total. | | | | | |
| (1) | | | | (2) | | | | (3) | | | | | |
| (a) | (b) | (c) | (d) | (a) | (b) | (c) | (d) | (a) | (b) | (c) | (d) | | |
| 16 | 11 | 111 | 27 | — | — | — | — | 16 | 11 | 111 | 27 | 9 | 174 |

(a) Tonsils only. (b) Adenoids only. (c) Tonsils and adenoids. (d) Other defects of the nose and throat.

Treatment of Orthopaedic and Postural Defects.

| Under the Authority's Scheme. | | | | Otherwise. | | | Total Number treated |
|--|--|---|--|--|---|---|----------------------------|
| (1) | | | (2) | | | | |
| Residential treatment with education (i) | Residential treatment without education (ii) | Non- Residential treatment at an orthopaedic clinic (iii) | Residential treatment with education (i) | Residential treatment without education (ii) | Non- Residential treatment at an orthopaedic clinic (iii) | | |
| Number of children treated. | — | — | 61 | — | — | — | 61 |

ARTIFICIAL SUNLIGHT TREATMENT.

Suitable cases are referred to the Dewsbury and District General Infirmary, for Sunlight Treatment. During 1946, 98 children made 5708 attendances for treatment. The defects from which the children suffered and the attendances they made are given below :—

| <i>No.</i> | <i>Disease.</i> | | | | | <i>Treatments.</i> |
|------------|-------------------|-----|-----|-----|-----|--------------------|
| 29 | General Debility | ... | ... | ... | ... | 1500 |
| 1 | Coeliac Disease | ... | ... | ... | ... | 43 |
| 4 | Bronchitis | ... | ... | ... | ... | 216 |
| 4 | Genu-Valgum... | ... | ... | ... | ... | 242 |
| 22 | Glands of Neck | ... | ... | ... | ... | 1237 |
| 1 | Abscess of Neck | ... | ... | ... | ... | 53 |
| 1 | Epistaxis | ... | ... | ... | ... | 42 |
| 9 | Psoriasis | ... | ... | ... | ... | 1070 |
| 1 | Eczema | ... | ... | ... | ... | 35 |
| 1 | Axillary Adenitis | ... | ... | ... | ... | 59 |
| 2 | Rheumatism | ... | ... | ... | ... | 62 |
| 2 | Sinusitis | ... | ... | ... | ... | 95 |
| 7 | Asthma | ... | ... | ... | ... | 405 |
| 4 | Anaemia | ... | ... | ... | ... | 141 |
| 4 | Catarrh | ... | ... | ... | ... | 156 |
| 5 | Otitis media | ... | ... | ... | ... | 340 |
| 1 | Osteomyelitis | ... | ... | ... | ... | 12 |
| — | | | | | | — |
| 98 | | | | | | 5708 |
| — | | | | | | — |

NUTRITION.

Classification of the Nutrition of Children Inspected during the year in the Routine Age Groups in all maintained Primary and Secondary Schools.

| Age-groups | Number of Children Inspected | A (Excellent) | | B (Normal) | | C (Slightly subnormal) | | D (Bad) | |
|----------------------|------------------------------|------------------|-------------|---------------|-------------|---------------------------|-------------|------------|-----------|
| | | No. | % | No. | % | No. | % | No. | % |
| Entrants | 809 | 309 | 38.2 | 423 | 52.3 | 77 | 9.5 | — | — |
| Intermediates | 1255 | 385 | 30.7 | 584 | 46.6 | 273 | 21.7 | 13 | 1.0 |
| Leavers | 662 | 249 | 37.7 | 322 | 48.6 | 91 | 13.7 | — | — |
| TOTAL | 2726 | 943 | 34.6 | 1329 | 48.7 | 441 | 18.2 | 13 | .5 |

UNCLEANLINESS AND VERMINOUS CONDITIONS.

In slight cases, the parents were advised how to cleanse their children, whilst severe cases were treated at the clinic premises by a part-time nurse appointed for this purpose.

During the year 248 treatments have been given to 61 children.

Generally the whole family is encouraged to attend for cleansing advice as soon as one child is found to be verminous.

- | | |
|--|--------|
| (1) Number of School inspections for uncleanness made during the year by the School Nurses ... | 88 |
| (2) Total number of individual examinations in the Schools | 20,029 |
| (3) Number of children found unclean | 894 |
| (4) Number of children cleansed under arrangements made by the local Education Authority ... | 61 |
| (5) Number of children excluded | 169 |
| (6) Number of pupils in respect of whom cleansing notices were issued under Section 54(2) Education Act, 1944 | 118 |
| (7) Number of pupils in respect of whom cleansing notices were issued under Section 54(3) Education Act, 1944 | 54 |

SCABIES.

Throughout the year 132 treatments (including baths) by Benzyl Benzoate emulsion have been given to 45 school children suffering from Scabies.

INFECTIOUS DISEASES.

(a) Diphtheria.

The number of School Children certified as suffering from diphtheria, and the number of deaths for the past 10 years, are given in the following table :—

| <i>Year</i> | <i>Diphtheria</i> | | <i>Deaths</i> |
|-------------|-------------------|--------------|---------------|
| | | <i>Cases</i> | |
| 1937 | ... | 63 | 5 |
| 1938 | ... | 30 | 1 |
| 1939 | ... | 51 | — |
| 1940 | ... | 36 | 6 |
| 1941 | ... | 13 | 1 |
| 1942 | ... | 21 | — |
| 1943 | ... | 39 | — |
| 1944 | ... | 46 | 1 |
| 1945 | ... | 33 | 1 |
| 1946 | ... | 17 | — |

All the children with suspicious throat conditions who attend the clinic have swabs taken which are examined at the Public Health Laboratory. During the year 1946, 42 swabs were taken, none of these were positive.

Immunisation.

The number of children immunized during the year was 526, including 451 under 5 years of age. It is estimated that at the end of 1946 approximately 67.4% of the school population had been immunized against diphtheria.

(b) Scarlet Fever.

In 1946, 31 cases of scarlet fever occurred amongst school children, compared with 58 in 1945.

(c) Other Infectious Diseases.

The following table shows the number of cases in school children of non-notifiable infectious diseases, known to the Department, for each year since 1940 :—

| | 1946 | 1945 | 1944 | 1943 | 1942 | 1941 | 1940 |
|------------|------|------|------|------|------|------|------|
| Chickenpox | 75 | 93 | 303 | 278 | 504 | 160 | 112 |
| Mumps | 3 | 113 | 381 | 14 | 229 | 435 | 7 |
| Influenza | 1 | 1 | 2 | 30 | 6 | 3 | 29 |
| | 79 | 207 | 686 | 322 | 739 | 598 | 148 |

(d) Vaccination.

In 1946, 220 children were found to have been vaccinated. The figures of the various age groups are appended.

| — | | | <i>Number examined</i> | <i>Number Vaccinated</i> | <i>Percentage Vaccinated</i> |
|---------------|-----|-----|----------------------------|------------------------------|----------------------------------|
| Entrants | ... | ... | 809 | 50 | 6.1% |
| Intermediates | ... | ... | 1255 | 100 | 7.9% |
| Leavers | ... | ... | 662 | 70 | 10.5% |
| Total | ... | ... | 2726 | 220 | 8.0% |

(e) School Closure.

No schools were closed during the year because of infectious diseases, and no certificates were issued in respect of infectious disease causing a drop in attendance below 60%.

Diphtheria Immunization, 1946.

Illustrating the progress of the Immunization Scheme since 1940. Number of persons, in Age Groups, having had Full Course of Injections.

| Aged | IMMUNISED DURING YEAR | | | | | | | Total at end of 1946 |
|---------------------|-----------------------|------|------|------|------|------|------|-------------------------|
| | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | |
| Under 1 yr. | 4 | 6 | 10 | 13 | 3 | 14 | 19 | Under 5 yrs. 1243 |
| 1 year | 37 | 126 | 121 | 150 | 161 | 196 | 237 | |
| 2 years | 48 | 173 | 123 | 136 | 68 | 130 | 110 | |
| 3 " | 53 | 124 | 130 | 125 | 67 | 47 | 39 | |
| 4 " | 51 | 105 | 197 | 143 | 51 | 14 | 46 | |
| 5 " | 107 | 84 | 153 | 136 | 58 | 40 | 13 | 5 to 10 yrs. 2571 |
| 6 " | 116 | 108 | 121 | 151 | 49 | 42 | 11 | |
| 7 " | 187 | 190 | 102 | 118 | 38 | 37 | 10 | |
| 8 " | 148 | 172 | 84 | 149 | 48 | 29 | 15 | |
| 9 " | 138 | 183 | 83 | 194 | 43 | 13 | 6 | |
| 10 " | 220 | 171 | 83 | 165 | 46 | 18 | 9 | 10 to 15 yrs. 2789 |
| 11 " | 189 | 108 | 53 | 62 | 29 | 11 | 7 | |
| 12 " | 205 | 202 | 45 | 62 | 34 | 14 | 1 | |
| 13 " | 118 | 66 | 31 | 46 | 38 | 6 | 3 | |
| 14 " | 26 | 35 | 10 | 21 | 13 | 3 | — | |
| 15 " & over | 33 | 12 | 4 | 4 | 5 | 1 | — | 15 & Over 1859 |
| TOTALS 1940—1946 | 1680 | 1865 | 1350 | 1675 | 751 | 615 | 526 | |

CHILDREN SUFFERING FROM TUBERCULOSIS.

There were 35 children between the ages of 5 and 15 suffering from Tuberculosis during the year 1946.

| | Pul-monary | | Bones & Joints | | Cervical Glands | | Others | |
|---|------------|----|----------------|----|-----------------|----|--------|----|
| | M. | F. | M. | F. | M. | F. | M. | F. |
| Children attending maintained Primary and Secondary Schools ... | — | — | 4 | 3 | 4 | 10 | 1 | 1 |
| Children attending a special school ... | 1 | 1 | — | — | 1 | 3 | — | — |
| Children in hospital | 1 | — | 3 | 2 | — | — | — | — |
| | 2 | 1 | 7 | 5 | 5 | 13 | 1 | 1 |

DEATHS.

During the year 1946, 3 children of school age died. The causes of death were as follows :—

- 1 Asphyxia from strangulation (accidental).
- 1 Cerebral abscess. (Staphylococcus aureus).
- 1 Meningitis, operation, Hydrocephalus.

OTHER SPECIAL MEDICAL EXAMINATIONS.

During the year 63 Wheelwright Grammar School Scholarship candidates were medically examined. All were passed.

7 Boys were medically examined re delivery of newspapers ; all were passed.

In addition, 20 boarded-out children were medically examined ; all were found to be satisfactory.

WORK OF THE SCHOOL NURSES.

Medical Inspections.

Visits to Schools, assisting Medical Officer ... 142

Uncleanliness Inspections.

Visits to Schools 88

Infectious Diseases Inspections.

Visits to Schools 27

Number of children inspected re :—

Scarlet Fever 565

Diphtheria 120

Other Infectious Diseases 12

Home Visits.

Minor Ailments 260

Defective Vision 12

Infectious Diseases 988

Treatment at Clinic.

Minor Ailments 8127

PROVISION OF MEALS.

| | |
|--|--------|
| Number of children in receipt of free milk | 5,410* |
| Number of children in receipt of free dinners | 538 |

*Free milk for all children from 6/8/46.

Details of Free Milk and Dinners provided.—

| | |
|---|---------|
| Milk—number of 1/3 pint bottles supplied | 556,695 |
| Dinners—total number supplied | 134,240 |

Names of Schools where Meals were Prepared.—

Batley Carr Modern School.
 Earlsheaton Modern School.
 Earlsheaton Nursery Class.
 Junior Technical College.
 Moorlands Open-Air School.
 Ravensthorpe Modern School.
 Ravensthorpe Nursery Class.
 Templefield Modern School for Girls.
 Thornhill Modern School.
 Thornhill Lees Nursery Class.
 Victoria Modern School for Boys.
 Whitley Lower C.E. School.
 Wheelwright Grammar School for Boys.
 Wheelwright Grammar School for Girls.

DENTAL INSPECTION AND TREATMENT.

Number of children who were inspected by the Dentists :—

Primary Schools.—

(1) (a) Routine Age Groups :—

| Ages. | | | | | | | |
|-------|-----|-----|-----|-------|-----|-----|------|
| 5 | ... | ... | 476 | | | | |
| 6 | ... | ... | 496 | | | | |
| 7 | ... | ... | 640 | | | | |
| 8 | ... | ... | 645 | | | | |
| 9 | ... | ... | 669 | | | | |
| 10 | ... | ... | 675 | | | | |
| 11 | ... | ... | 762 | | | | |
| 12 | ... | ... | 615 | | | | |
| 13 | ... | ... | 467 | | | | |
| 14 | ... | ... | 111 | Total | ... | ... | 5556 |

(b) Specials (*i.e.*, Casual Inspections)—

| | | | | | | | |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|
| Primary School Casuals | ... | ... | ... | ... | ... | ... | 66 |
| Secondary School Casuals | ... | ... | ... | ... | ... | ... | 689 |
| | | | | | | | 755 |

TOTAL **6311**

| | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|------|
| (2) Number found to require treatment | ... | ... | ... | ... | ... | ... | ... | 3834 |
| (3) Number actually treated | ... | ... | ... | ... | ... | ... | ... | 3137 |
| (4) Attendances made by children for treatment | ... | ... | ... | ... | ... | ... | ... | 4294 |
| (5) Half days devoted to Inspection at Primary Schools | ... | ... | ... | ... | ... | ... | ... | 54 |
| Half days devoted to Treatment at Primary Schools | ... | ... | ... | ... | ... | ... | ... | 778 |

Details of Treatment.

(6) Operations upon Permanent Teeth—

| | | | | | | | | | |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Fillings | ... | ... | ... | ... | ... | ... | ... | ... | 1623 |
| Temporary Fillings and Dressings | ... | ... | ... | ... | ... | ... | ... | ... | 188 |
| Gum Treatment | ... | ... | ... | ... | ... | ... | ... | ... | 78 |
| Scaling | ... | ... | ... | ... | ... | ... | ... | ... | 94 |
| Root Fillings | ... | ... | ... | ... | ... | ... | ... | ... | 5 |
| Polishing and Prophylactic Cleaning | ... | ... | ... | ... | ... | ... | ... | ... | 154 |
| Extractions | ... | ... | ... | ... | ... | ... | ... | ... | 778 |
| | | | | | | | | | —2920 |

(7) Operations upon Temporary Teeth—

| | | | | | | | | | |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Fillings | ... | ... | ... | ... | ... | ... | ... | ... | 306 |
| Extractions | ... | ... | ... | ... | ... | ... | ... | ... | 4028 |
| Other Operations | ... | ... | ... | ... | ... | ... | ... | ... | 697 |
| | | | | | | | | | —5031 |

(8) Administrations of Gas and Oxygen-Anaesthetics for Extractions

... .. 737

In their report both dentists have stressed the high proportion of "casual cases"—*i.e.*, children attending without appointment usually because of septic and painful teeth. Not only does this disorganise the dental work but since they are frequently children whose parents have not taken advantage of the offer of treatment after routine inspection, it means that teeth are lost which should have been saved. Conservation is the great aim in school dentistry and with a shortage of dental surgeons the best use has to be made of existing resources; for this reason the Ministry of Education have given their support to a priority scheme, in which children whose parents undertake to secure the attention offered by the school dental service have first call on all facilities. The others can only be fitted in if time permits after these priority cases have been dealt with. Parents who positively refuse treatment in effect debar their children from participating in the benefits of the school dental service. These children will then only be given treatment if the parents genuinely change their views and intend to take full advantage of the service. The Authority are introducing this scheme in 1947.

Mr. Smail estimates that only 13% of the cases not being treated at the Clinic receive treatment from private dentists. The indifference of some parents to the best interests of the children in regard to dental care is simply appalling.

Mr. Tinn undertakes the orthodontic treatment and treated 133 cases, 50 requiring appliances (47 of the fixed type made of nickel silver and 3 of the removable type made with an acrylic base). This is valuable work.

Gas sessions were continued where necessary, and are now available at both Clinics.

The Wheelwright Grammar School and Technical Secondary School were included in the scope of the Dental Service for the first time.

The increase in the number of the school children and the need for more frequent inspections and more conservative treatment make necessary an increase in the dental staff.

SUMMARY OF PHYSICAL EDUCATION.—1946.

Details supplied by the Joint Organisers of Physical Education :
Miss A. R. GREY and Mr. E. E. EASTO.

Physical Education.

1946 has been a year of survey. The position of Physical Education in the schools has been reviewed and the organisers are making foundations on which to build. Demonstrations have been given in schools and there is much evidence of interest in the work ; the response of the teachers and children has been marked.

Games.

Playing fields are very limited in number. Fortunately Oxford Road playing field which has been out of use owing to re-seeding became available in September.

Swimming.

Instruction in Swimming is conducted on lines similar to those of previous sessions, there being two seasons, summer, consisting of 22 weeks and winter, of 14. Every child attending school in the Borough has the opportunity of learning to swim and becoming proficient. One outstanding pupil is practising for the Olympic Trials.

The Organisers look forward with confidence to the time when, as materials become more plentiful, they will be able to embark upon further improvements.

REMEDIAL EXERCISES.

One period of an hour weekly has been devoted to remedial exercises. This is inadequate and it is hoped to extend this very necessary provision. With increasing attention to physical training on modern lines some postural defects will be prevented ; but until there are no cases of postural defect, no cases of bronchitis and asthma, no cases of congenital defect or infantile paralysis, no cases of rickety deformity, remedial exercises must form an important part of the armamentarium of the school medical service. The problem is not alone of personnel but also of premises—but it must be solved if the children are to have a complete service.

MOORLANDS OPEN-AIR SCHOOL.

(Miss M. A. BURTON—Headmistress).

The school re-opened in January, 1946, with 84 children on the roll. Approximately 40% of the cases suffered from some form of chest disease, and 8% were orthopaedic cases, the majority of the remainder being debilitated children.

The school worked in three classes, the age range being 5 to 14 years.

During the war the building was used as a first-aid post and gas cleansing station; re-conversion and re-decoration was taking place during the first nine months of the year.

26 Children were discharged during the year, and 38 admitted.

HANDICAPPED PUPILS.

| | | | | Total |
|----------------------------------|--|---|-----|-------|
| A. Blind Pupils | Will require education by methods not involving the use of sight | In Special Schools... | 2 | 2 |
| | | In Maintained Primary & Secondary Schs. | — | |
| | | In Independent Schools | — | |
| | | Not at School | — | |
| B. Partially Sighted Pupils | Can be educated by special methods involving the use of sight | In Special Schools | — | |
| | | In Maintained Primary & Secondary Schs. | — | |
| | | In Independent Schools | — | |
| | | Not at School | — | |
| C. Deaf Pupils | Require education by methods used without naturally acquired speech or language | In Special Schools* | 5 | 5 |
| | | In Maintained Primary & Secondary Schs. | — | |
| | | In Independent Schools | — | |
| | | Not at School | — | |
| D. Partially Deaf Pupils | Require for their education special arrangements or facilities | In Special Schools | 3 | 4 |
| | | In Maintained Primary & Secondary Schs. | 1 | |
| | | In Independent Schools | — | |
| | | Not at School | — | |
| E. Delicate Pupils | Cannot, without risk to their health be educated in an ordinary school | In Special Schools | 101 | 103 |
| | | In Maintained Primary & Secondary Schs. | 2 | |
| | | In Independent Schools | — | |
| | | Not at School | — | |
| F. Diabetic Pupils | Require residential care | In Special Schools | — | |
| | | In Maintained Primary & Secondary Schs. | — | |
| | | In Independent Schools | — | |
| | | Not at School | — | |
| G. Educationally sub-normal | Require some specialised form of education in substitution for the education given in ordinary schools | In Special Schools | 2 | 5 |
| | | In Maintained Primary & Secondary Schs. | 1 | |
| | | In Independent Schools | — | |
| | | Not at School | 2 | |
| H. Epileptic Pupils | Require education in a special school | In Special Schools | — | 2 |
| | | In Maintained Primary & Secondary Schs. | — | |
| | | In Independent Schools | — | |
| | | Not at School | 2 | |
| I. Mal-adjusted Pupils | Require special educational treatment | In Special Schools | 1 | 1 |
| | | In Maintained Primary & Secondary Schs. | — | |
| | | In Independent Schools | — | |
| | | Not at School | — | |
| J. Physically Handicapped pupils | Cannot be satisfactorily educated in an ordinary school | In Special Schools | 3 | 5 |
| | | In Maintained Primary & Secondary Schs. | — | |
| | | In Independent Schools | — | |
| | | Not at School | 2 | |
| K. Speech Defect | Require special educational treatment | In Special Schools | — | 3 |
| | | In Maintained Primary & Secondary Schs. | 2 | |
| | | In Independent Schools | — | |
| | | Not at School | 1 | |
| L. Multiple Disabilities | Two or more of the above disabilities (A. to K.) | In Special Schools | — | 1 |
| | | In Maintained Primary & Secondary Schs. | — | |
| | | In Independent Schools | — | |
| | | Not at School | 1 | |

Blind Children.

The two totally blind children are attending the Royal Blind School, Sheffield.

Deaf Children.

Three deaf children are at Doncaster Institution for the deaf, and two at Leeds Blenheim school.

One partially deaf child attends the Doncaster Institution for the deaf, two children are at Leeds Blenheim School (these children are resident at the schools concerned), and one attends a Junior School.

Educationally Sub-normal Children.

One child is at Monyhull Residential School, and another at Hope House, Doncaster.

Statement of the number of children notified during the year ended 31st December, 1946, by the Local Education Authority under Section 57 of the Education Act, 1944.

Total number of children notified ... 6.

| DIAGNOSIS. | BOYS. | GIRLS. |
|---|-------|--------|
| Children incapable of receiving education at school : | | |
| (a) Idiots | 1 | Nil |
| (b) Imbeciles | 1 | 3 |
| (c) Others (Feeble minded) | 1 | Nil |
| TOTAL | 3 | 3 |

